## United States Patent [19]

Woelfel

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[54]	PREFABRICATED BUILDING PANELS		
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## **ABSTRACT**

Prefabricated building panels and methods for their manufacture is provided wherein the panels comprise a frame support structure, in one embodiment, a sheathing layer attached thereto, and a means for bonding a modified concrete matrix onto the support frame, the matrix including in its uncured state: Aggregate, cement, water, sand, an acrylic emulsion, an anti-foramer and a plasticizer. The matrix is then smoothed and textured to become the outer facing of the panel, or a facing layer is bonded onto the matrix. Alternatively, a cushioning material is bonded onto matrix and covered with a bonding agent into which a facing layer is embedded.

13 Claims, 2 Drawing Figures

